

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 14293  
Application ID: 10063087  
Title of Invention: APPARATUS AND METHOD FOR  
REJUVENATING COOLING  
PASSAGES WITHIN A TURBINE  
AIRFOIL  
First Named Inventor: Ching-Pang Wang  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-03-18  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: RD-27955  
Digital Certificate Holder: cn=Penny Clarke., ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: gRp+HkpKeICIWaLCFR41hg==  
Total Fees Authorized: \$1080.0  
  
Payment Category: DA - Deposit Account  
Deposit Account Number: 70868  
Deposit Account Name: Penny A. Clarke



10063087 031802

# TRANSMITTAL FORM

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Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

JC474 U.S. PTO  
10/063087  
RD-  
27955  
03/18/02

## APPARATUS AND METHOD FOR REJUVENATING COOLING PASSAGES WITHIN A TURBINE AIRFOIL

First Named Inventor: Ching-Pang Wang

### SUBMITTED BY

Name: Penny A. Clarke  
Registration Number: 46,627  
Electronic Signature Mark: PAC Date Signed: 20020318

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	DEC1.tif
declaration	DEC2.tif
declaration	DEC3.tif

patent-assignments

CLARKERD27955asgn.xml

fee-transmittal

CLARKERD27955fee.xml

bibd-transmittal

CLARKERD27955apds.xml

specification

27955.xml

**Attached Image File(s):**

DEC1.tif

DEC2.tif

DEC3.tif

2007-10-01 10:00:00

Comments:

2025-03-10 10:06:30

## DECLARATION FOR PATENT APPLICATION

Docket Nur  
RD-27,9

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHOD FOR REJUVENATING COOLING PASSAGES WITHIN A TURBINE AIRFOIL

the specification of which is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as a by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having date before that of the application on which priority is claimed.

Prior Foreign Application

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under Title 35, United States Code §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, **CUSTOMER NO. 006147.**

Christian G. Cabou, Reg. No. 35,467, Jill M. Breedlove, Reg. No. 32,684, Donald S. Ingraham, Reg. No. 33,714, Noreen Johnson, Reg. No. 38,929, Patrick K. Patnode, Reg. No. 40,121, Ronald E. Myrick, Reg. No. 26,315, Henry J. Policinski, Reg. No. 26,621, James W. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, Catherine J. Winter, Reg. No. 38,364, and John Beninati, Reg. No. 40,510.

Address all telephone calls to: Penny A. Clarke at telephone number (518) 387-5349Address all correspondence to: **General Electric Company**  
**CRD Patent Docket Rm 4A59**  
**P.O. Box 8, Bldg. K-1**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information belief are believed to be true and further that these statements were made with the knowledge that willful false statements and like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST INVENTOR:

Full name: Ching-Pang Lee  
First Name Middle Name Last Name  
 Signature: X [Signature] Date X 3/7/02  
 Residence: Cincinnati, Ohio Citizenship: United States  
City and State  
 Post Office Address: 12 Camargo Pines, Cincinnati, Ohio 45243

SECOND JOINT INVENTOR:

Full name: Robert Alan Johnson  
First Name Middle Name Last Name  
 Signature: X [Signature] Date X 3/13/02  
 Residence: Simpsonville, South Carolina Citizenship: United States  
City and State  
 Post Office Address: 308 Wild Horse Creek Drive, Simpsonville, South Carolina 29680

THIRD JOINT INVENTOR:

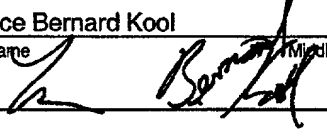
Full name: Bin (nmn) Wei  
First Name Middle Name Last Name  
 Signature: [Signature] Date 3/5/02  
 Residence: Mechanicville, New York Citizenship: P.R. China  
City and State  
 Post Office Address: 8 Danforth Road, Mechanicville New York 12118

FOURTH JOINT INVENTOR:

Full name: Hsin-Pang Wang  
First Name Middle Name Last Name  
 Signature: [Signature] Date 3/6/02  
 Residence: Rexford, New York Citizenship: United States  
City and State  
 Post Office Address: 773 Riverview Road, Rexford, New York 12148

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FIFTH JOINT INVENTOR:

Full name: Lawrence Bernard Kool  
First Name Middle Name Last Name  
Signature:  Date March 8, 2001  
Residence: Clifton Park, New York Citizenship: United States  
City and State  
Post Office Address: 2 Cardinal Court, Clifton Park, New York 12065

SIXTH JOINT INVENTOR:

Full name: \_\_\_\_\_  
First Name Middle Name Last Name  
Signature: \_\_\_\_\_ Date \_\_\_\_\_  
Residence: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
City and State  
Post Office Address: \_\_\_\_\_

SEVENTH JOINT INVENTOR:

Full name: \_\_\_\_\_  
First Name Middle Name Last Name  
Signature: \_\_\_\_\_ Date \_\_\_\_\_  
Residence: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
City and State  
Post Office Address: \_\_\_\_\_

EIGHTH JOINT INVENTOR:

Full name: \_\_\_\_\_  
First Name Middle Name Last Name  
Signature: \_\_\_\_\_ Date \_\_\_\_\_  
Residence: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
City and State  
Post Office Address: \_\_\_\_\_

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1080**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0868



Deposit Account Name: CRD-General Electric Company

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Penny A. Clarke

Electronic Signature Mark: PAC

Date Signed: 20020318

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 32	103	\$ 18	12	\$ 216
Independent Claims: 4	102	\$ 84	1	\$ 84



Subtotal For Extra Claims Fees: \$ 300

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

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